

**S5 Table. Mode of birth and body mass index for infants with mothers > 35 years old.**

BMI	Coef (95% CI)	p-value	AdjCoef (95% CI)**	p-value
Normal vaginal	reference		reference	
Assisted vaginal	0.03 (-0.27; 0.33)	0.857	0.08 (-0.22; 0.38)	0.606
Planned Caesarean	0.06 (-0.18; 0.29)	0.624	-0.06 (-0.29; 0.18)	0.635
Emergency Caesarean	-0.07 (-0.31; 0.18)	0.589	-0.21 (-0.46; 0.04)	0.105

Time points for adjusted model = 6,195. Mixed-effects linear regression. BMI – Body mass index, Coef (Coefficient), CI (Confidence intervals), Adj (Adjusted).

\*\*Adjusted for maternal age, ethnicity, education, marital status, couple income, infant sex, birth weight, smoking, gestational age, diabetes mellitus, parity, pre-pregnancy BMI (Non-macrosomic infants).